BRUHATH BANGALORE MAHANAGARA PALIKE
EXECUTIVE ENGINEER
YELAHANKA DIVISION

MASUREMENT SHEETS

1st and Final Bill

Name of Work: Construction of Concrete Road and Drains at Attur Colony.

Name of Agency: Sri.Jagadish (Varun Kaarthick Constructions)

Estimate Amount: 100.00lakhs

Job Code No: 003-23-000002

M-20

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Construction of Concrete Road and Drains at Attur Colony.

Measurement Sheet 18-3-2024

1st & Final Bill

Name of Agency: Sri.Jagadish (Varun Kaarthick Constructions)

Item No.	1							
Item Name:	Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of Buildings & bridges and such simillar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. 1.4.1 In all kinds of soils Depth upto 1.5 m							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:							
For RCC Drain							
1st Cross Road Venkataramanappa Layout from Attur Lake Road							
LHS			1	30.00	1.40	1.20	50.40
			1	30.00	1.40	1.20	50.40
			1	30.00	1.40	1.20	50.40
			1	30.00	1.40	1.20	50.40
			1	3.00	1.40	1.20	5.04
Anganawadi School Road from 1st Cross Road to Aralikatte							
LHS			1	6.00	1.40	1.20	10.08
			1	30.00	1.10	1.20	39.60

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
			1	30.00	1.10	1.05	34.65	
			1	13.10	1.10	1.05	15.13	
2nd Main Road from Nursing Collage Hostel (At Samudhaya Bhavana)								
LHS			1	30.00	0.95	0.90	25.65	
			1	19.00	0.95	0.90	16.25	
RHS			1	6.40	0.95	0.90	5.47	
			1	6.00	0.95	0.90	5.13	
Road from 2nd Main Road to Attur Main Road								
LHS			1	30.00	0.95	0.90	25.65	
			1	30.00	0.95	0.90	25.65	
			1	25.40	0.95	0.90	21.72	
RHS			1	30.00	0.95	0.90	25.65	
			1	30.00	0.95	0.90	25.65	
			1	26.40	0.95	0.90	22.57	
			1	9.20	0.95	0.90	7.87	
Road from Anganawadi School Road to Sri Renuka Yallamma Nilaya No.08								
RHS			1	30.00	1.40	1.20	50.40	
			1	3.00	1.40	1.20	5.04	
From Sri Renuka Yallamma Nilaya No.08 to Nisarga No.03								
			1	30.50	1.40	1.20	51.24	

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SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
nd Cross Road from Attur main Road to Samudhaya Bhavana								
LHS			1	30.00	0.95	0.90	25.65	
			1	30.00	0.95	0.90	25.65	
			1	30.00	0.95	0.90	25.65	
			1	7.00	0.95	0.90	5.99	
RHS			1	30.00	0.95	0.90	25.65	
			1	30.00	0.95	0.90	25.65	
			1	30.00	0.95	0.90	25.65	
For RCC Culverts								
In Anganwadi School Road			1	6.40	1.50	1.20	11.52	
At Vishwa House			1	6.00	1.20	1.20	8.64	
At 2nd Main Road			1	7.40	1.20	1.20	10.66	
At Ajji House			1	4.30	1.20	1.20	6.19	
At Nisarga House No.03			1	5.80	1.20	1.20	8.35	
	Total Quantity						**825.28**	**Cum**
	Quantity Carried to Summary						**825.28**	**Cum**

Asst Engineer
Ward No.03
BBMP

Asst. Executive Engineer
Yelahanka Satellite Town Sub Divisi
BBMP

M-20

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Construction of Concrete Road and Drains at Attur Colony.

Measurement Sheet 30-3-2024

1st & Final Bill

Name of Agency: Sri.Jagadish (Varun Kaarthick Constructions)

Item No.	2							
Item Name:	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:							
For RCC Drain							
1st Cross Road Venkataramanappa Layout from Attur Lake Road							
LHS			1	30.00	1.40	0.15	6.30
			1	30.00	1.40	0.15	6.30
			1	30.00	1.40	0.15	6.30
			1	30.00	1.40	0.15	6.30
			1	3.00	1.40	0.15	0.63
Anganawadi School Road from 1st Cross Road to Aralikatte							
LHS			1	6.00	1.40	0.15	1.26
			1	30.00	1.10	0.15	4.95

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SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
			1	30.00	1.10	0.15	4.95	
			1	13.10	1.10	0.15	2.16	
2nd Main Road from Nursing Collage Hostel (At Samudhaya Bhavana)								
LHS			1	30.00	0.95	0.15	4.28	
			1	19.00	0.95	0.15	2.71	
RHS			1	6.40	0.95	0.15	0.91	
			1	6.00	0.95	0.15	0.86	
Road from 2nd Main Road to Attur Main Road								
LHS			1	30.00	0.95	0.15	4.28	
			1	30.00	0.95	0.15	4.28	
			1	25.40	0.95	0.15	3.62	
RHS			1	30.00	0.95	0.15	4.28	
			1	30.00	0.95	0.15	4.28	
			1	26.40	0.95	0.15	3.76	
			1	9.20	0.95	0.15	1.31	
Road from Anganawadi School Road to Sri Renuka Yallamma Nilaya No.08								
RHS			1	30.00	1.40	0.15	6.30	
			1	3.00	1.40	0.15	0.63	
From Sri Renuka Yallamma Nilaya No.08 to Nisarga No.03								
			1	30.50	1.40	0.15	6.41	

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SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
2nd Cross Road from Attur main Road to Samudhaya Bhavana								
LHS			1	30.00	0.95	0.15	4.28	
			1	30.00	0.95	0.15	4.28	
			1	30.00	0.95	0.15	4.28	
			1	7.00	0.95	0.15	1.00	
RHS			1	30.00	0.95	0.15	4.28	
			1	30.00	0.95	0.15	4.28	
			1	30.00	0.95	0.15	4.28	
For RCC Culverts								
In Anganwadi School School			1	6.40	1.50	0.15	1.44	
At Vishwa House			1	6.00	1.20	0.15	1.08	
At 2nd Main Road			1	7.40	1.20	0.15	1.33	
At Ajji House			1	4.30	1.20	0.15	0.77	
At Nisarga House No.03			1	5.80	1.20	0.15	1.04	
	Total Quantity						119.35	Cum
	Quantity Carried to Summary						119.35	Cum

Asst Engineer
Ward No.03
BBMP

Asst. Executive Engineer
Yelahanka Satellite Town Sub Divisi
BBMP

M-20

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Construction of Concrete Road and Drains at Attur Colony.

Measurement Sheet 16-4-2024

1st & Final Bill

Name of Agency: Sri.Jagadish (Varun Kaarthick Constructions)

Item No.	3											
Item Name:	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately)											

Chainage		Unit	No	Dia in mm	Span	Length of bar	Spacing (m)	Total No.of bars ((6/8)x4) +1	Total Length of bar (m) (7 x 9)	Weight per m	Qty in Kgs (10 x 11)	Remarks
From	To											
1	2	3	4	5	6	7	8	9	10	11	12	13
		Tonne										
Premeasurement recorded on:												
For RCC Drain												
1st Cross Road Venkataramanappa Layout from Attur Lake Road												
	LHS	1	12.00	123.00	2.70	0.150	821.00	2216.70	0.88	1950.70		
		1	10.00	2.70	123.00	0.150	19.00	2337.00	0.62	1448.94		
Anganawadi School Road from 1st Cross Road to Aralikatte												
	LHS	1	12.00	6.00	2.70	0.150	41.00	110.70	0.88	97.42		
		1	10.00	2.70	6.00	0.150	19.00	114.00	0.62	70.68		
	LHS	1	12.00	73.10	1.80	0.150	488.00	878.40	0.88	772.99		
		1	10.00	1.80	73.10	0.150	13.00	950.30	0.62	589.19		
2nd Main Road from Nursing Collage Hostel (At Samudhaya Bhavana)												
	LHS	1	12.00	49.00	1.65	0.150	328.00	541.20	0.88	476.26		
		1	10.00	1.65	49.00	0.150	12.00	588.00	0.62	364.56		
	RHS	1	12.00	12.40	1.65	0.150	84.00	138.60	0.88	121.97		
		1	10.00	1.65	12.40	0.150	12.00	148.80	0.62	92.26		
Road from 2nd Main Road to Attur Main Road												
	LHS	1	12.00	85.40	1.65	0.150	570.00	940.50	0.88	827.64		
		1	10.00	1.65	85.40	0.150	12.00	1024.80	0.62	635.38		
	RHS	1	12.00	95.60	1.65	0.150	638.00	1052.70	0.88	926.38		
		1	10.00	1.65	95.60	0.150	12.00	1147.20	0.62	711.26		
Road from Anganawadi School Road to Sri Renuka Yallamma Nilaya No.08												

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Chainage From	Chainage To	Unit	No	Dia in mm	Span	Length of bar	Spacing (m)	Total No.of bars ((6/8)x4) +1	Total Length of bar (m) (7 x 9)	Weight per m	Qty in Kgs (10 x 11)	Remarks
RHS			1	12.00	33.00	2.70	0.150	221.00	596.70	0.88	525.10	
			1	10.00	2.70	33.00	0.150	19.00	627.00	0.62	388.74	
From Sri Renuka Yallamma Nilaya No.08 to Nisarga No.03												
RHS			1	12.00	30.50	2.70	0.150	204.00	550.80	0.88	484.70	
			1	10.00	2.70	30.50	0.150	19.00	579.50	0.62	359.29	
2nd Cross Road from Attur main Road to Samudhaya Bhavana												
LHS			1	12.00	97.00	1.65	0.150	648.00	1069.20	0.88	940.90	
			1	10.00	1.65	97.00	0.150	12.00	1164.00	0.62	721.68	
RHS			1	12.00	90.00	1.65	0.150	601.00	991.65	0.88	872.65	
			1	10.00	1.65	90.00	0.150	12.00	1080.00	0.62	669.60	
For RCC Culverts												
In Anganwadi School School												
			2	12.00	6.40	2.20	0.150	86.00	189.20	0.88	166.50	
			2	12.00	2.20	6.40	0.150	30.00	192.00	0.88	168.96	
At Vishwa House												
			2	12.00	6.00	1.90	0.150	81.00	153.90	0.88	135.43	
			2	12.00	1.90	6.00	0.150	26.00	156.00	0.88	137.28	
At 2nd Main Road												
			2	12.00	7.40	1.90	0.150	100.00	190.00	0.88	167.20	
			2	12.00	1.90	7.40	0.150	26.00	192.40	0.88	169.31	
At Ajji House												
			2	12.00	4.30	1.90	0.150	58.00	110.20	0.88	96.98	
			2	12.00	1.90	4.30	0.150	26.00	111.80	0.88	98.38	
At Nisarga House No.03												
			2	12.00	5.80	1.90	0.150	78.00	148.20	0.88	130.42	
			2	12.00	1.90	5.80	0.150	26.00	150.80	0.88	132.70	
								Total Qty in Kgs			**15451.42**	
								Quantity Carried to Summary			**15.45**	**Tonne**

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BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Construction of Concrete Road and Drains at Attur Colony.

Measurement Sheet 18-04-2024

1st & Final Bill

Name of Agency: Sri.Jagadish (Varun Kaarthick Constructions)

Item No.	4							

Item Name: Providing and laying in position Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:							
For Raft							
For RCC Drain							
1st Cross Road Venkataramanappa Layout from Attur Lake Road							
LHS			1	30.00	1.20	0.15	5.40
			1	30.00	1.20	0.15	5.40
			1	30.00	1.20	0.15	5.40
			1	30.00	1.20	0.15	5.40
			1	3.00	1.20	0.15	0.54
Anganawadi School Road from 1st Cross Road to Aralikatte							

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SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
LHS			1	6.00	1.20	0.15	1.08	
			1	30.00	0.90	0.15	4.05	
			1	30.00	0.90	0.15	4.05	
			1	13.10	0.90	0.15	1.77	
2nd Main Road from Nursing Collage Hostel (At Samudhaya Bhavana)								
LHS			1	30.00	0.75	0.15	3.38	
			1	19.00	0.75	0.15	2.14	
RHS			1	6.40	0.75	0.15	0.72	
			1	6.00	0.75	0.15	0.68	
Road from 2nd Main Road to Attur Main Road								
LHS			1	30.00	0.75	0.15	3.38	
			1	30.00	0.75	0.15	3.38	
			1	25.40	0.75	0.15	2.86	
RHS			1	30.00	0.75	0.15	3.38	
			1	30.00	0.75	0.15	3.38	
			1	26.40	0.75	0.15	2.97	
			1	9.20	0.75	0.15	1.04	
Road from Anganawadi School Road to Sri Renuka Yallamma Nilaya No.08								
RHS			1	30.00	1.20	0.15	5.40	
			1	3.00	1.20	0.15	0.54	

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SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
From Sri Renuka Yallamma Nilaya No.08 to Nisarga No.03								
			1	30.50	1.20	0.15	5.49	
2nd Cross Road from Attur main Road to Samudhaya Bhavana								
LHS			1	30.00	0.75	0.15	3.38	
			1	30.00	0.75	0.15	3.38	
			1	30.00	0.75	0.15	3.38	
			1	7.00	0.75	0.15	0.79	
RHS			1	30.00	0.75	0.15	3.38	
			1	30.00	0.75	0.15	3.38	
			1	30.00	0.75	0.15	3.38	
For RCC Culverts								
In Anganwadi School School			1	6.40	1.30	0.20	1.66	
At Vishwa House			1	6.00	1.00	0.20	1.20	
At 2nd Main Road			1	7.40	1.00	0.20	1.48	
At Ajji House			1	4.30	1.00	0.20	0.86	
At Nisarga House No.03			1	5.80	1.00	0.20	1.16	
For Wall								
For RCC Drain								
1st Cross Road Venkataramanappa Layout from Attur Lake Road								
LHS			2	30.00	0.15	0.90	8.10	
			2	30.00	0.15	0.80	7.20	

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SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
			2	30.00	0.15	0.80	7.20	
			2	30.00	0.15	0.80	7.20	
			2	3.00	0.15	0.80	0.72	
Anganawadi School Road from 1st Cross Road to Aralikatte								
LHS			2	6.00	0.15	0.80	1.44	
			2	30.00	0.15	0.80	7.20	
			2	30.00	0.15	0.75	6.75	
			2	13.10	0.15	0.75	2.95	
2nd Main Road from Nursing Collage Hostel (At Samudhaya Bhavana)								
LHS			2	30.00	0.15	0.60	5.40	
			2	19.00	0.15	0.60	3.42	
RHS			2	6.40	0.15	0.60	1.15	
			2	6.00	0.15	0.60	1.08	
Road from 2nd Main Road to Attur Main Road								
LHS			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	25.40	0.15	0.60	4.57	
RHS			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	26.40	0.15	0.60	4.75	

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SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
			2	9.20	0.15	0.60	1.66	
Road from Anganawadi School Road to Sri Renuka Yallamma Nilaya No.08								
RHS			2	30.00	0.15	0.80	7.20	
			2	3.00	0.15	0.80	0.72	
From Sri Renuka Yallamma Nilaya No.08 to Nisarga No.03								
			2	30.50	0.15	0.90	8.24	
2nd Cross Road from Attur main Road to Samudhaya Bhavana								
LHS			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	7.00	0.15	0.60	1.26	
RHS			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
For RCC Culverts								
In Anganwadi School School			2	6.40	0.23	0.60	1.77	
At Vishwa House			2	6.00	0.23	0.60	1.66	
At 2nd Main Road			2	7.40	0.23	0.60	2.04	
At Ajji House			2	4.30	0.23	0.60	1.19	
At Nisarga House No.03			2	5.80	0.23	0.60	1.60	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
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SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	Total Quantity					249.65	Cum
	Quantity Carried to Summary					249.65	Cum

Asst Engineer
Ward No.03
BBMP

Asst. Executive Engineer
Yelahanka Satellite Town Sub Divisi
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Construction of Concrete Road and Drains at Attur Colony.

Measurement Sheet 04-5-2024

1st & Final Bill

Name of Agency: Sri.Jagadish (Varun Kaarthick Constructions)

Item No.	5							

Item Name:	Providing & fixing precast reinforced cement concrete covering slabs of 10 cm thick made of M20 with OPC cement, with 20mm and down size graded granite metal coarse aggregate @0.70 cum and fine aggregate & 0.74 cum with superplasticizer machine, mixed, including providing and removing centering, shuttering, strutting, propping etc., for edges of slabs with TMT steel (Fe500) cost of all materils, labour, all lead and lift, HOM of machinery, curing, including cost of reinforecement etc., complete as directed by the engineer in charge of the work.

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:							
For RCC Drain							
1st Cross Road Venkataramanappa Layout from Attur Lake Road							
LHS			1	30.00	1.20	36.00	
			1	30.00	1.20	36.00	
			1	30.00	1.20	36.00	
			1	30.00	1.20	36.00	
			1	3.00	1.20	3.60	
Anganawadi School Road from 1st Cross Road to Aralikatte							
LHS			1	6.00	1.20	7.20	
			1	30.00	0.90	27.00	

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
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SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
			1	30.00	0.90		27.00	
			1	13.10	0.90		11.79	
2nd Main Road from Nursing Collage Hostel (At Samudhaya Bhavana)								
LHS			1	30.00	0.75		22.50	
			1	19.00	0.75		14.25	
RHS			1	6.40	0.75		4.80	
			1	6.00	0.75		4.50	
Road from 2nd Main Road to Attur Main Road								
LHS			1	30.00	0.75		22.50	
			1	30.00	0.75		22.50	
			1	25.40	0.75		19.05	
RHS			1	30.00	0.75		22.50	
			1	30.00	0.75		22.50	
			1	26.40	0.75		19.80	
			1	9.20	0.75		6.90	
Road from Anganawadi School Road to Sri Renuka Yallamma Nilaya No.08								
RHS			1	30.00	1.20		36.00	
			1	3.00	1.20		3.60	
From Sri Renuka Yallamma Nilaya No.08 to Nisarga No.03								
			1	30.50	1.20		36.60	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
2nd Cross Road from Attur main Road to Samudhaya Bhavana								
LHS			1	30.00	0.75		22.50	
			1	30.00	0.75		22.50	
			1	30.00	0.75		22.50	
			1	7.00	0.75		5.25	
RHS			1	30.00	0.75		22.50	
			1	30.00	0.75		22.50	
			1	30.00	0.75		22.50	
	Total Quantity						618.84	Sqm
	Quantity Carried to Summary						618.84	Sqm

Asst Engineer
Ward No.03
BBMP

Asst. Executive Engineer
Yelahanka Satellite Town Sub Divi
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Construction of Concrete Road and Drains at Attur Colony.

Measurement Sheet 09 - 5 -2024

1st & Final Bill

Name of Agency: Sri.Jagadish (Varun Kaarthick Constructions)

Item No.	6							
Item Name:	Providing & fixing precast reinforced cement concrete covering slabs of 23 cm thick made of M25 with OPC cement @340Kgs/cum, with 20mm and down size graded granite metal coarse aggregate @0.70 cum and fine aggregate & 0.74 cum with superplasticizer machine, mixed, including providing and removing centering, shuttering, strutting, propping etc., for edges of slabs with TMT steel (Fe500) cost of all materils, labour, all lead and lift, HOM of machinery, curing, including cost of reinforecement etc., complete as directed by the engineer in charge of the work.							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:							
For RCC Culverts							
In Anganwadi School School		1	6.40	1.50		9.60	
At Vishwa House		1	6.00	1.20		7.20	
At 2nd Main Road		1	7.40	1.20		8.88	
At Ajji House		1	4.30	1.20		5.16	
At Nisarga House No.03		1	5.80	1.20		6.96	
	Total Quantity					37.80	Sqm
	Quantity Carried to Summary					37.80	Sqm

Asst Engineer
Ward No.03
BBMP

Asst. Executive Engineer
Yelahanka Satellite Town Sub Divis
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Construction of Concrete Road and Drains at Attur Colony.

Measurement Sheet 15--04-2024

1st & Final Bill

Name of Agency: Sri.Jagadish (Varun Kaarthick Constructions)

Item No.	7							
Item Name:	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separatel complete as per thew direction of Engineer in charge.							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:							
For Existing Damaged CC Road							
2nd Main Road from Nursing Collage Hostel (At Samudhaya Bhavana)							
			1	30.00	5.58	0.15	25.09
			1	23.50	5.48	0.15	19.30
Deductions			-1	1.00	1.20	0.15	-0.18
			-1	1.00	1.70	0.15	-0.26
			-1	0.90	0.75	0.15	-0.10
Road from 2nd Main Road to Attur Main Road							
			1	30.00	3.65	0.15	16.43
			1	30.00	3.35	0.15	15.08
			1	26.40	3.30	0.15	13.07
			1	9.20	3.65	0.15	5.04

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SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Deductions			-3	1.00	1.00	0.15	-0.45	
	Total Quantity						93.01	Cum
	Quantity Carried to Summary						93.01	Cum

Asst Engineer
Ward No.03
BBMP

Asst. Executive Engineer
Yelahanka Satellite Town Sub Divisi
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Construction of Concrete Road and Drains at Attur Colony.

Measurement Sheet

1st & Final Bill 14-5-2024

Name of Agency: Sri.Jagadish (Varun Kaarthick Constructions)

Item No.	7								
Item Name:	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 14:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 140 kg/ m3 , optimum moisture content to be determined during trial length construction, concrete strength not to be less than 7 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 t vibratory roller, finishing and curing as per the direction of engineer in charge								

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:									
For CC Road									
2nd Main Road from Nursing Collage Hostel (At Samudhaya Bhavana)									
			1	30.00	5.30	5.85	5.58	0.15	25.09
			1	23.50	5.85	5.10	5.48	0.15	19.30
Deductions			-1	1.00			1.20	0.15	-0.18
			-1	1.00			1.70	0.15	-0.26
			-1	0.90			0.75	0.15	-0.10
Road from 2nd Main Road to Attur Main Road									
			1	30.00	3.80	3.50	3.65	0.15	16.43
			1	30.00	3.50	3.20	3.35	0.15	15.08
			1	26.40	3.20	3.40	3.30	0.15	13.07
			1	9.20	3.40	3.90	3.65	0.15	5.04
Deductions			-3	1.00			1.00	0.15	-0.45
Opposite Samudhaya Bhavana									
			1	12.80	4.20	4.00	4.10	0.15	7.87
From Samudhaya Bhavana to Aralikatte									
			1	8.60	6.20	6.40	6.30	0.15	8.13
			1	0.00	9.40	9.40	9.40	0.15	0.00
			1	12.70	9.40	9.70	9.55	0.15	18.19

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
At Aralikatte		1	2.80			4.45	0.15	1.87	
		1	3.00			2.50	0.15	1.13	
Anganawadi School Road from Aralikatte to 1st Cross									
		1	8.50	2.80	3.80	3.30	0.15	4.21	
		1	11.30	7.50	7.80	7.65	0.15	12.97	
		1	20.50	2.85	5.00	3.93	0.15	12.07	
		1	6.70	6.80	4.80	5.80	0.15	5.83	
		1	27.80	3.80	5.40	4.60	0.15	19.18	
At Gangamma Temple		1	4.30	1.85	1.60	1.73	0.15	1.11	
Temple Surrounding		1	10.80	3.00	1.45	2.23	0.15	3.60	
Deduction		-1	1.10			1.15	0.15	-0.19	
Total Quantity								188.97	Cum
Quantity Carried to Summary								188.97	Cum

Asst Engineer
Ward No.03
BBMP

Asst. Executive Engineer
Yelahanka Satellite Town Sub-Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Construction of Concrete Road and Drains at Attur Colony.

Measurement Sheet

1st & Final Bill 16-5-2024

Name of Agency: **Sri.Jagadish (Varun Kaarthick Constructions)**

Item No. 9

Item Name: Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B1 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:									
or CC Road									
nd Main Road from Nursing Collage Hostel (At Samudhaya Bhavana)									
			1	30.00	5.30	5.85	5.58	0.15	25.09
			1	23.50	5.85	5.10	5.48	0.15	19.30
eductions			-1	1.00			1.20	0.15	-0.18
			-1	1.00			1.70	0.15	-0.26
			-1	0.90			0.75	0.15	-0.10
ad from 2nd Main Road to Attur Main Road									
			1	30.00	3.80	3.50	3.65	0.15	16.43
			1	30.00	3.50	3.20	3.35	0.15	15.08
			1	26.40	3.20	3.40	3.30	0.15	13.07
			1	9.20	3.40	3.90	3.65	0.15	5.04
eductions			-3	1.00			1.00	0.15	-0.45
Posite Samudhaya Bhavana									
			1	12.80	4.20	4.00	4.10	0.15	7.87

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SL NO	CHAINAGE		NO	L (m)	B1 (m)	B1 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
From Samudhaya Bhavana to Aralikatte										
			1	8.60	6.20	6.40	6.30	0.15	8.13	
			1	0.00	9.40	9.40	9.40	0.15	0.00	
			1	12.70	9.40	9.70	9.55	0.15	18.19	
At Aralikatte			1	2.80			4.45	0.15	1.87	
			1	3.00			2.50	0.15	1.13	
Anganawadi School Road from Aralikatte to 1st Cross										
			1	8.50	2.80	3.80	3.30	0.15	4.21	
			1	11.30	7.50	7.80	7.65	0.15	12.97	
			1	20.50	2.85	5.00	3.93	0.15	12.07	
			1	6.70	6.80	4.80	5.80	0.15	5.83	
			1	27.80	3.80	5.40	4.60	0.15	19.18	
At Gangamma Temple			1	4.30	1.85	1.60	1.73	0.15	1.11	
Temple Surrounding			1	10.80	3.00	1.45	2.23	0.15	3.60	
Reduction			-1	1.10			1.15	0.15	-0.19	
		Total Quantity							188.97	Cum
		Quantity Carried to Summary							188.97	Cum

Asst Engineer
Ward No.03
BBMP

Asst. Executive Engineer
Yelahanka Satellite Town Sub Divi
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Construction of Concrete Road and Drains at Attur Colony.

Measurement Sheet

1st & Final Bill 18-4-2024

Name of Agency: Sri.Jagadish (Varun Kaarthick Constructions)

Item No.	10							

Item Name: Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:							
Vide Qty from Item No.01			825.28	1.28		1056.36	
Vide Qty from Item No.07			93.01	2.10		195.31	
	Total Quantity					1251.67	T.Km
	Quantity Carried to Summary					1251.67	T.Km

Asst Engineer
Ward No.03
BBMP

Asst. Executive Engineer
Yelahanka Satellite Town Sub Divi
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Construction of Concrete Road and Drains at Attur Colony.

Measurement Sheet 21-6-2024

1st & Final Bill

Name of Agency: **Sri.Jagadish (Varun Kaarthick Constructions)**

Item No.	E-1						

Item Name: Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work

SI.NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:							
Road							
anganawadi School Road from 1st Cross Road to Aralikatte							
LHS							
			1	30.00			30.00
			1	30.00			30.00
			1	12.10			12.10

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el NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
From Sri Renuka Yallamma Nilaya No.08 to Nisarga No.03							
			1	30.50			
						30.50	
						102.60	m
					(Total Length/0.45)	228.00	
	Total Quantity					228.00	Nos
	Quantity Carried to Summary					228.00	Nos

Asst Engineer
Ward No.03
BBMP

Asst. Executive Engineer
Yelahanka Satellite Town Sub Divisi
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Construction of Concrete Road and Drains at Attur Colony.

Measurement Sheet 18-6-2024.

1st & Final Bill

Name of Agency: Sri.Jagadish (Varun Kaarthick Constructions)

Item No.	E-2							
Item Name:	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces (KPWD SR 2023-24, V-III, Page No.66, Item No.8.10)							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:							
Kerb Painting							
Anganawadi School Road from 1st Cross Road to Aralikatte							
LHS							
			1	30.00		0.35	10.50
			1	30.00		0.35	10.50
			1	12.10		0.35	4.24
From Sri Renuka Yallamma Nilaya No.08 to Nisarga No.03							
			1	30.50		0.35	10.68
	Total Quantity					**35.91**	**Sqm**
	Quantity Carried to Summary					**35.91**	**Sqm**

Asst Engineer
Ward No.03
BBMP

Asst. Executive Engineer
Yelahanka Satellite Town Sub Divisi
BBMP